

**MEETING MINUTES
RESTORATION ADVISORY BOARD
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD
CONCORD, CALIFORNIA
OCTOBER 5, 2005**

These minutes reflect general issues raised, agreements reached, and action items identified at the Restoration Advisory Board (RAB) meeting for Naval Weapons Station Seal Beach Detachment Concord (Detachment Concord), California. The meeting was held from 6:30 p.m. to 8:30 p.m. on October 5, 2005, at the Concord Police Department Community Room in Concord, California. Agreements and action items are described by topic under Sections I through VI and are summarized in Section VII. A list of participants and their affiliations is included as Attachment A, and the meeting agenda is included as Attachment B.

I. WELCOME, INTRODUCTIONS, PUBLIC COMMENT, AND AGENDA APPROVAL

Welcome and Introductions

The RAB Community Co-Chair, Mary Lou Williams (Concord resident), called the RAB meeting to order and initiated a round of introductions for attendees. Steve Tyahla (Navy Remedial Project Manager [RPM]) said that the format of the October 2005 meeting will be different because the public meeting on the Site 27 proposed plan (PP) will be held before the RAB returns to regular business.

II. SITE 27 PROPOSED PLAN (PP) PRESENTATION

Mr. Tyahla provided a presentation on the Site 27 PP. The presentation is included as Attachment C. Mr. Tyahla explained that following the presentation, he would accept and respond to clarifying questions on the presentation, but that these questions and answers would not be considered part of the formal public comments. He went on to explain that there are two ways to provide comments on the Site 27 PP: (1) the public can provide verbal comments at the RAB meeting following the question and answer period, which will be recorded by a court reporter, or (2) the public can provide written comments by October 20, 2005, to Margaret Wallerstein, PhD, (Navy RAB co-chair) via e-mail, fax, or mail. A form was made available among the meeting handouts for convenience.

After Site 27 PP presentation, Mr. Tyahla accepted clarifying questions on the presentation.

David Griffith (Martinez resident) asked if the Navy would select Alternative 3 considering the potential that the base will be transferred under the Base Realignment and Closure (BRAC) process. Mr. Griffith said that it would be in the best interest of the Navy and future site owners to demolish the buildings on Site 27 and remove the contamination. By demolishing the site, the Navy would not have any future liability. Mr. Tyahla said that the Navy will be responsible for the site now as well as in the future under CERCLA. Even after the land is transferred, the Navy is still responsible when contamination is found if it was contamination caused by the Navy, unless the future land owner does not abide by the land use controls (LUC) that were put into place.

Michelle Trotter (Department of Toxic Substances Control [DTSC]) asked how many truck loads are estimated for 330 cubic yards of soil. Mr. Tyahla said that 330 cubic yards is approximately 20 dump

trucks of soil. Ms. Trotter said that the cost the Navy is proposing seems higher than at other sites. Mr. Tyahla said that the cost the Navy is proposing includes all facets of the cleanup of Site 27, and not just the soil removal aspect.

Harry Byrne (Concord resident) asked about the half-life of chlordane. Mr. Tyahla said chlordane can persist in soil for over 20 years per information published by the Agency for Toxic Substances and Disease Registry.

Anna Rikkelman (Concord resident) said that, based on preliminary land use plans, it appears that the future use of the site will be residential and parks and asked whether the site would still require LUCs in that case. Laura Hoffmeister (Mayor of Concord) said that the future land use has not been decided. If a developer purchases the land, he would be responsible for cleanup to the level needed for the type of use planned.

Ms. Hoffmeister asked the depth of soil for cleanup at Site 27 under Alternative 3. Ms. Canepa (Tetra Tech) said that the top 3 feet of soil was estimated for cleanup under that alternative.

Public Comments on Site 27 Proposed Plan

Mr. Tyahla opened the floor for public comments, which were recorded by a court reporter and will be answered by the Navy in responsiveness summary of the future Record of Decision (ROD). Public comments are summarized below; the following paragraphs are not the verbatim comments.

Ms. Hoffmeister asked if the Navy has studied whether cattle and other animals in the area of Site 27 are taking up the pesticides found. Ms. Hoffmeister would like the Navy to reevaluate the long-term effectiveness ranking of alternatives; she prefers to see the contaminated soil hauled off site so that the cleanup can be completed and no long-term monitoring is necessary.

Mr. Griffith would like the alternative chosen for site cleanup to be both aesthetically and environmentally pleasing to the community. He would like the Navy to carefully consider which alternative is a smarter decision and that the taxpayer's money is spent properly for the cleanup.

Kevin Cornish (Lafayette resident) would like the Navy to select the alternative that has the lowest cost and is still protective of the community. He would like to see the Navy spend as little as possible since the ultimately reuse is not yet known.

Ms. Rikkelman said that she wants to see this site cleaned up.

Michael Plummer (The Source Group) said that it appears the cost is higher for soil disposal and that the Navy should look into the costs of soil disposal in the Western region of the United States. Mr. Plummer thinks that the Navy should consider Alternative 3 – building demolition and debris disposal/soil excavation.

Ms. Williams said that she would like to see the Navy completing the cleanup now because she is not comfortable with trusting a future developer to undertake it. Ms. Williams agrees that the Navy should consider Alternative 3 – building demolition and debris disposal/soil excavation.

Igor Skaredoff (Martinez resident) agrees with Ms. Williams and does not want the Navy to spend

\$100,000 to fence in the building on Site 27 because he considers it a waste of money. Mr. Skaredoff thinks the volume of chlordane-contaminated soil is less than 330 cubic feet, which may reduce the cleanup cost.

Mr. Griffith said that the City of Concord or other entity will be required to complete at least a Phase at Site 27 when they receive the land. Cleanup costs will still have to be deducted from the purchase price for the property. Mr. Griffith does not want the tax payer to have to pay additional costs for cleanup of the property once the Navy transfers over the property..

III. RAB COMMENTS AND NOVEMBER AGENDA APPROVAL

Public Comments

Ms. Williams opened the floor to public comments. No public comments were offered.

November 2005 RAB Agenda Approval

Ms. Wallerstein reviewed the proposed agenda for the RAB meeting on November 2, 2005, which will take place at the Concord Police Department Community Meeting Room in Concord, California. The Navy plans to provide a presentation on the draft preliminary assessment (PA) for the Military Munitions Response Program (MMRP).

Ms. Hoffmeister asked the U.S. Environmental Protection Agency (EPA) about the schedule for the neighborhood sampling along the fenceline of Site 22. Phillip Ramsey (EPA) said that the sampling would take place in late October or early November 2005 and that the results will probably be available by about February 2006.

Ms. Williams said that she will not be able to attend the November 2005 RAB meeting and so Mario Menesini (Walnut Creek resident) will substitute as alternate co-chair in her absence, per the RAB by-laws.

Ms. Wallerstein asked the RAB to approve the November 2005 agenda. The RAB approved the agenda.

IV. SEPTEMBER RAB MEETING MINUTES APPROVAL

Ms. Wallerstein asked the RAB for comments on the minutes from the meeting on September 7, 2005. Ms. Wallerstein said that the Navy received comments from the San Francisco Bay Regional Water Quality Control Board (Water Board) that will be incorporated into the final September 2005 RAB meeting minutes. No additional comments were offered.

Action Item

1. The Navy will complete and distribute the final RAB meeting minutes for September 7, 2005.

V. COMMITTEE REPORTS AND ANNOUNCEMENTS

Ms. Williams announced that the Contra Costa County Health Department is seeking to fill a community representative position for input from various community members who either live or work in Contra Costa County. This commission is made up of 13 members and meets on the fourth Thursday of the month. The Contra Costa County Health Department is currently accepting applications from interested

community members.

Ms. Williams announced that the November 2005 RAB meeting will be the last meeting that Ms. Wallerstein will attend since there is no meeting currently scheduled for December 2005 or January 2006. After the proposed BRAC action becomes final, Mr. Tyahla will be taking over as the Navy RAB co-chair and will be the BRAC environmental coordinator (BEC). Ms. Wallerstein will be taking on new responsibilities for the Navy. Mr. Skaredoff thanked Ms. Wallerstein and said that it has been a delight to work with her on the RAB.

VI. REMEDIAL PROJECT MANAGERS (RPM) UPDATE

Navy Update

Mr. Tyahla reviewed the Navy RPM update (Attachment D). Mr. Tyahla said that the Navy issued the draft MMRP PA for comment on September 16, 2005, and will provide an overview presentation on the document at the RAB meeting on November 2, 2005. Mr. Tyahla said that the Site 13 Burn Area is included in the draft MMRP PA.

Mr. Griffith asked if the upcoming MMRP sites will become Installation Restoration (IR) sites. Mr. Tyahla confirmed that ultimately some MMRP sites might become IR sites under the Federal Facilities Agreement and the Navy will inform the community with MMRP updates throughout the process. Mr. Tyahla announced that the Navy provided a RAB site tour on September 18, 2005. Four RAB members attended, as well as EPA and the Navy.

Mr. Tyahla said that the Navy issued results in their September 20, 2005 letter for recent sediment sampling for analysis of polychlorinated biphenyls (PCB) at Site 30. The results showed concentrations that were either not detected or near detectable limits.

The Navy met with EPA on September 22, 2005, and hosted an agency site walk on September 23, 2005, as part of the informal dispute resolution process regarding the Site 22 draft final sampling and analysis plan (SAP). EPA is requesting that the Navy collect additional samples on the site.

EPA Update

Mr. Ramsey summarized the activities and correspondence EPA provided during September 2005.

EPA did not submit any formal correspondence to the Navy in September 2005. Mr. Ramsey went on four site visits during September. On September 10, 2005, Mr. Ramsey attended a site tour of the Inland Area with the Contra Costa Resource Conservation District (CCRD). The site tour was organized to view Mount Diablo Creek. Mr. Ramsey said that EPA is suggesting that the Navy increase the number of samples proposed in the creek and in Magazine Area B. Mr. Ramsey said that he attended the RAB site tour, which took place on September 18, 2005. EPA went on a site tour on September 23, 2005, with the Navy to review sampling locations in Mount Diablo/Seal Creek.

Mr. Ramsey said that the informal dispute on Site 22 may be resolved soon because the Navy has verbally agreed to add more samples to the sampling plan.

Mr. Ramsey announced that EPA signed the Site 17 no action record of decision (ROD) on September 30, 2005. Now that EPA has signed the Site 17 ROD, it will be forwarded to DTSC and the Water Board for signature.

Mr. Ramsey said that EPA discussed internally the proposed additional sampling for Tidal Area Sites 2, 9, and 11 to clarify any additional sampling the agencies will request of the Navy before a meeting is scheduled to discuss the proposed sampling.

Mr. Ramsey said that EPA is reviewing the draft MMRP PA report.

Mr. Ramsey said that he attended a workshop via teleconference offered by DTSC on the bioavailability of lead and arsenic on September 13, 2005.

Department of Toxic Substances Control (DTSC) Update

Jim Pinasco (DTSC) announced that he is preparing the package for DTSC management to sign the Site 17 ROD. Mr. Pinasco said that DTSC and the Department of Fish and Game are reviewing the draft MMRP PA report.

Water Board Update

Laurent Meillier (Water Board) reviewed the Water Board RPM update (Attachment D).

Mr. Meillier is currently arranging a meeting with the City of Concord attorney to discuss the BRAC process. Once Mr. Meillier has met with the City of Concord attorney, he will provide the RAB an update.

Mr. Meillier announced that perchlorate was not found above threshold levels of concern in groundwater at Site 13 in the last set of preliminary groundwater results provided by the Navy. The Water Board thought the Navy's analytical methods used to test the groundwater were acceptable.

Mr. Meillier said that LUCs for Site 27 concerns the Water Board. Water Board staff has provided comments pertaining to the proposed plan to the Navy.

Mr. Meillier said that he attended the 7th Biennial State of the San Francisco Estuary conference to discuss contaminants in San Francisco Bay on October 5, 2005. During this conference chlordane (contaminant prevalent in soils at Site 27) was found to likely exceed the CTR (California Toxics Rule) frequently in highway stormwater runoff (Hwang, H.M. et al. 2005). Atmospheric deposition and/ or dry deposition of particles driven by wind from agricultural fields may be a suspected source of this contaminant in the water samples taken.

Mr. Meillier attended the underground storage tank (UST) RPM meeting on September 28, 2005. The Navy has progressed on the UST program and is requesting site closure letters on various sites from the Water Board. Mr. Meillier provided the Navy a closure letter for UST 87 in September 2005.

Mr. Griffith said that another good reason for choosing Alternative 3 for Site 27 is so that chlordane does not migrate into groundwater. Ms. Hoffmeister agreed with Mr. Griffith's groundwater concerns. Ms. Hoffmeister said that she is also concerned about potential runoff of contaminated soils to the surrounding community.

Jessica Hamburger (CCRCD) asked who is responsible for coordinating with the Tesoro property owners' investigations of Mount Diablo/Seal Creek for arsenic in sediments. Mr. Tyahla said that the Navy is coordinating with Tesoro to gain site access as necessary for its investigation.

VII. NEXT MEETING AND ACTION ITEMS

The next RAB meeting is scheduled for 6:30 to 8:30 p.m. on Wednesday, November 2, 2005, at the Concord Police Department Community Meeting Room in Concord, California.

The following action item was generated during the RAB meeting on October 5, 2005:

No.	Action Item	Target Date for Completion	Completion Date (or Status)
1	The Navy will complete and distribute the final RAB meeting minutes for September 7, 2005.	11/2/05	

ATTACHMENT A
ATTENDEES AND AFFILIATIONS
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA

OCTOBER 5, 2005
(One Page)

**ATTENDEES AND AFFILIATIONS
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

OCTOBER 5, 2005

<u>Name</u>	<u>Affiliation</u>	<u>Telephone</u>
Wayne Akiyama	Shaw Environmental, Inc.	(925) 288-2003
Beth Byrne	Concord Resident	(925) 686-4815
Harry Byrne	Concord Resident	(925) 686-4815
Joanna Canepa	TtEMI	(425) 673-3652
Kevin Cornish*	Lafayette Resident	(925) 269-5540
Maryann Costa	Atkinson Baker Court Reporting	(800) 288-3376
Ernie Galang	IPT West	(650) 746-7469
Gregory Glaser*	Danville Resident	(925) 820-2562
David Griffith	Martinez Resident	(925) 671-3381
Jessica Hamburger*	CCRCD	(925) 672-6522
Laura Hoffmeister	Concord Mayor	(925) 671-3158
Carolyn Hunter	TtEMI	(415) 222-8297
John Kaiser	Water Board	(510) 622-2368
Laurent Meillier	Water Board	(510) 622-2440
Jim Pinasco	DTSC	(916) 255-3719
Michael Plummer	The Source Group	(925) 944-2856 X310
Phillip Ramsey	EPA	(415) 972-3006
Anne Rikkelman	Concord Resident	(925) 689-2662
Bill Shinn	City of Concord Council Member	(925) 671-3158
Igor Skaredoff*	Martinez Resident	(925) 229-1371
Steve Tyahla	IPT West	(650) 746-7451
Michelle Trotter	DTSC	(916) 255-6441
Margaret Wallerstein	Seal Beach	(562) 626-7838
Mary Lou Williams*	RAB Community Co-Chair	(925) 685-1415

Notes:

*	Community RAB Member
CCRCD	Contra Costa Resource Conservation District
CDFG	California Department of Fish and Game
DTSC	California Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
IPT West	U.S. Navy Integrated Project Team West, NAVFAC SW
RAB	Restoration Advisory Board
TtEMI	Tetra Tech EM Inc.
Water Board	San Francisco Bay Regional Water Quality Control Board

ATTACHMENT B

AGENDA

**RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

OCTOBER 5, 2005

(One Page)

AGENDA

NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD RESTORATION ADVISORY BOARD MEETING

Wednesday, October 5, 2005

6:30 p.m. – 8:30 p.m.

Concord Police Department Community Room
1350 Galindo Street
Concord, CA 94520

- 6:30 – 6:40 Call to Order by Community Co-Chair
- Welcome
 - Introductions
- 6:40 – 7:30 Site 27 Proposed Plan Public Hearing
(Note: The public hearing will extend beyond the allotted agenda time, as needed, to accommodate all members of the public who wish to provide comments.)
- 7:30 – 7:40 Break
- 7:40 – 7:50 Comments and Agenda Approval
- Public Comments
 - November Agenda Approval
- Lead: Community Co-chair
- 7:50 – 8:00 Approval of September 7, 2005 Meeting Minutes
Review Unresolved Business
Lead: Navy Co-chair
- 8:00 – 8:30 Committee Reports/Announcements
- RAB Announcements, Reports or other business
 - Remedial Project Managers' Update (Navy/EPA/DTSC/RWQCB)
- 8:30 Adjourn

ATTACHMENT C

SITE 27 PROPOSED PLAN PRESENTATION
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA

OCTOBER 5, 2005

(11 Pages)

Public Meeting

Overview of Site 27 Proposed Plan Naval Weapons Station Seal Beach Detachment Concord

Steve Tyahla, P.E., CHMM
Lead Remedial Project Manager

October 5, 2005



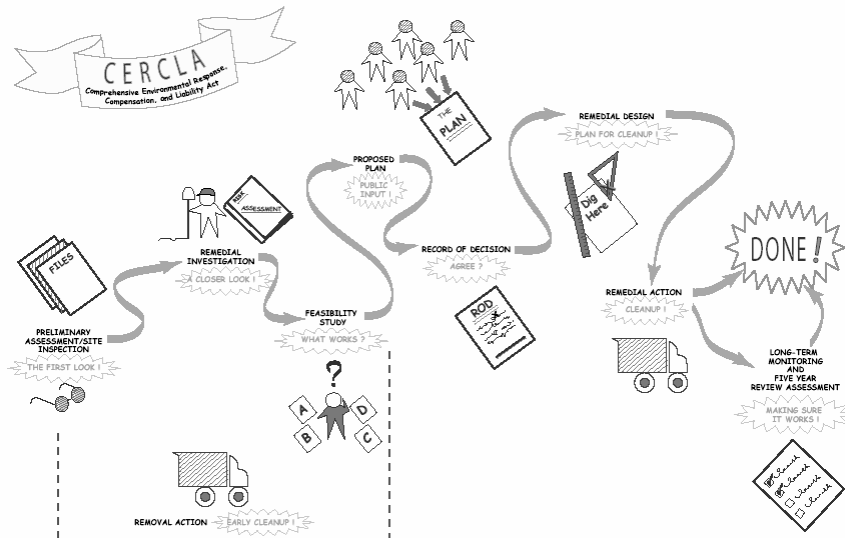
Presentation Overview



- CERCLA Process and Site 27
- Proposed Plan in a “nutshell”
- Site background and photos
- Remedial Investigation (RI) Findings
- Human health risk assessment
- Summary of Feasibility Study (alternatives to address site contamination)
- Preferred alternative
- Next steps
- Questions and Answers



CERCLA Process



10/5/05

3



Proposed Plan- "Nutshell"



- Addresses Site 27, two small buildings in the Inland Area of the base with the pesticide **chlordan** in surface soil around foundations.
- Proposed plan completed and mailed to 630 interested individuals on September 20, 2005
- Public Comment Period: September 20th to October 20th, 2005
- Today's Public Meeting- per EPA requirements
- "Preferred alternative" is for Land Use Controls (LUCs) to limit or prevent human contact with contaminated soil; would restrict future residential use and keep the building foundation and adjacent soil undisturbed.

10/5/05

4



Site 27 Background



Building IA-20: Chemical and Materials Testing Laboratory

- Built in 1947; operations ended in 1999
- Testing of oils/hydraulic fluids, and structural testing of materials

Building IA-36: Boiler House

- Built in 1946; operations ended in 1999
- Adjacent 10,000 gallon diesel tank removed in 1997 after the boiler was converted to operate using natural gas
- The boiler provided energy to 3 buildings for heating and domestic hot water use



Site Photographs





Site Photographs



10/5/05

7



Site Photographs



10/5/05

8



Site Photographs



10/5/05

9



Site Photographs



10/5/05

10



Remedial Investigation (RI) Findings



- RI sampling work conducted in 1996 and 1997
- Soil was analyzed for petroleum, volatile organics, semivolatile organics, pesticides, PCBs and arsenic (As sampling 2004).
- The pesticide chlordane was detected at concentrations of concern.
- Groundwater depth is estimated at 30 feet. Chlordane tends to bind to soil and does not readily dissolve in groundwater.
- Results
 - Total chlordane detected in 21 of 28 samples at concentrations ranging from 0.002 to 47 mg/kg
 - Three chlordane samples exceeded the EPA residential PRG
 - Human health risk assessment performed
 - No significant animal habitat exists so risk to animal populations was not evaluated



Human Health Risk Assessment



- Exposure routes evaluated
 - Ingestion,
 - Contact, and
 - Inhalation
- Industrial scenario (5 days / week for 25 years)
- Residential scenario (child and adult life for 30 years)



Human Health Risk Assessment



Exposure Scenarios Evaluated:

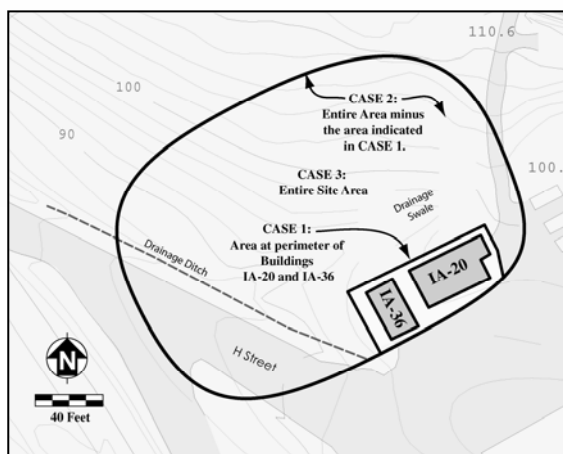
- Case 1: Only the area immediately adjacent to the buildings
- Case 2: The entire site, with the exception of the area adjacent to the buildings
- Case 3: The entire site



Human Health Risk Assessment- Results



- No unacceptable risk to human health under industrial exposure.
- Residential exposure:
 - Case 1 is not protective of human health
 - Cases 2 and 3 are protective of human health.
- For unacceptable risk, action is required





Feasibility Study (FS)



FS established remedial action objectives to protect human health and the environment. Three alternatives evaluated:

- Alternative 1, No Action (CERCLA-required benchmark evaluation, but not protective of human health)
- Alternative 2, Land Use Controls (LUCs)
- Alternative 3, Building Demolition, Disposal and Contaminated Soil Removal



Evaluation of Alternatives



Alternative 2 – Land Use Controls

- Prevents residential scenario contact with soil through Navy planning process and warning signs.
- Deed restrictions or covenants would ensure continuation of LUCs in the future in the event of ownership transfer.
- Costs
 - Capital: \$24,000
 - Annual Operation and Maintenance: \$97,000
 - Net Present Value: \$121,000



Evaluation of Alternatives



Alternative 3 – Building Demolition and Disposal, Contaminated Soil Removal

- Demolish both buildings, remove asbestos, lead-based paint (as necessary).
- Excavate estimated 330 CY of contaminated soil.
- Haul contaminated soil offsite and treat as necessary at offsite facility to comply with disposal laws.
- Collect and analyze confirmation samples
- Backfill with clean, offsite soil

Costs

Capital: \$682,000

Annual Operation and Maintenance: \$0.00

Net Present Value: \$682,000



Evaluation Criteria



- Threshold Criteria
 - Overall protection of human health and the environment
 - Compliance with ARARs
- Balancing Criteria
 - Long-term effectiveness
 - Reduction of toxicity, mobility, and volume
 - Short term effectiveness
 - Implementability
 - Cost
- Modifying Criteria
 - State acceptance
 - Community acceptance



Comparative Analysis of Site 27 Remedial Alternatives



Evaluation Criteria	Alternative 1 No Action	Alternative 2 Land Use Controls	Alternative 3 Excavation and Off-site Disposal
Overall protection of human health and the environment	1	4	5
Compliance with ARARs	Not evaluated	5	5
Long-term effectiveness	Not evaluated	4	5
Reduction of toxicity, mobility, and volume	Not evaluated	1	4
Short-term effectiveness	Not evaluated	5	3
Implementability	Not evaluated	4	3
Cost	Not evaluated	4	1
State acceptance	Not evaluated	5	5
Community acceptance	Not evaluated	Pending	Pending
Sum	Not evaluated	32	31

10/5/05

19



Preferred Alternative



The “*Preferred alternative*” is Alternative 2- Land Use Controls (LUCs) to limit or prevent human contact with contaminated soil; would restrict future residential use and keep the building foundation and adjacent soil undisturbed.

- Is protective
- Cost is lower by over \$0.5 million
- Easier and faster to implement
- Appropriate for the level of risk, size of site

10/5/05

20



Next Steps



- Public Comment Period: September 20th to October 20th, 2005
- Verbal comments to be received after questions
- Final Navy remedial decision to be documented in a Record of Decision (ROD) after consideration of comments on proposed plan
 - Signed ROD expected April 2006
- ROD will include a “responsiveness summary” in which the Navy will respond to agency and public comments on the proposed plan
- Commenters will receive a copy of the responsiveness summary

Questions?

Questions

ATTACHMENT D

**NAVY AND SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL
BOARD REMEDIAL PROJECT MANAGER'S UPDATE
RESTORATION ADVISORY BOARD MEETING
NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD, CALIFORNIA**

OCTOBER 5, 2005

(4 Pages)



***Navy RPM Update for October 5, 2005 meeting of
Naval Weapons Station Seal Beach Detachment Concord
Restoration Advisory Board (RAB)***

Prepared by Steve Tyahla, Navy Lead Remedial Project Manager

- Summary of Navy Remedial Project Manager (RPM) Activities since the last RAB Meeting held on Wednesday, September 7, 2005.
 - **September 9-** The Navy issued a letter to the U.S. Environmental Protection Agency (EPA) providing the Final Meeting Minutes for the July 26, 2005 monthly Remedial Project Managers' meeting. [These minutes are for the regular monthly project managers' meeting that is held between the Navy, EPA, CA Department of Toxic Substances Control (DTSC), and San Francisco Bay Region Water Quality Control Board (RWQCB).]
 - **September 16, 2005-** The Navy issued a letter to the EPA providing the "Draft Preliminary Assessment, Military Munitions Response Program, Naval Weapons Station Seal Beach Detachment Concord" (dated September 2005) [This draft Preliminary Assessment (PA) is the culmination of the first step in the Military Munitions Response Program (MMRP) for Detachment Concord. The report has been provided to the regulatory agencies and RAB with comments requested by November 21, 2005. The Navy will provide a presentation on this report during the November 2nd RAB meeting.]
 - **September 18, 2005-** The Navy hosted a tour of Installation Restoration (IR) Program sites for the RAB members. [The Navy, EPA, and four RAB members attended.]
 - **September 21-** The Navy issued a letter to the EPA providing the results of polychlorinated biphenyls (PCB) sampling and analysis that was performed on sediment at Site 30, the Taylor Boulevard Bridge disposal site. [This sampling and testing of sediment was performed at the request of EPA. The results found only trace levels of PCB in three of the five sample and no detections in the other two. Based on these results, PCB is not a concern for this site.]
 - **September 22-** The Navy and EPA met to discuss EPA's "informal dispute" regarding the Navy's "Draft Final Sampling and Analysis Plan, Additional Investigation at Site 22, Southwest Fence Line and Seal Creek" (dated September 1, 2005). [During this meeting EPA relayed to the Navy their specific concerns with the draft final sampling plan. The Navy and EPA agreed to visit the site on September 23rd to visually inspect the potential sampling locations in Seal/Mt. Diablo Creek and at Site 22 that were of concern to EPA.]
 - **September 23-** Project managers from the Navy, EPA, RWQCB, DTSC, and CA Department of Fish and Game visited Site 22 (magazine area) and Seal/Mt. Diablo creek. [During this site visit, EPA had the opportunity to field locate sediment/soil sampling points in the creek and at Site 22 that the Navy agreed to sample to attempt to resolve the informal dispute.]



- **September 28-** The Navy met with the project managers from the EPA, DTSC, and RWQCB. [This was our regular monthly meeting.]
- **September 29, 2005-** The Navy issued a letter to the EPA providing the *“Final Work Plan for the Site 31 Remedial Investigation, Naval Weapons Station Seal Beach Detachment Concord, Concord, California.”* [This final work plan was prepared to incorporate changes to the draft final work plan that were made to resolve EPA’s informal dispute on the plan.]
- **September 29-** The Navy issued a letter to the EPA providing the Final Meeting Minutes for the August 31, 2005 monthly Remedial Project Managers’ meeting. [These minutes are for the regular monthly project managers’ meeting that is held between the Navy, EPA, DTSC, and RWQCB.]



Alan C. Lloyd Ph.D.
Secretary for
Environmental
Protection

California Regional Water Quality Control Board San Francisco Bay Region

Internet Address: <http://www.waterboards.ca.gov/sanfranciscobay>
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 • FAX (510) 622-2460



Arnold Schwarzenegger
Governor

Laurent Meillier

RAB Meeting Update

November 2, 2005

I Meeting Attended

◆ October 26, 2005: CNWS RPM Meeting

- ➔ The Navy has not yet finalized the UST sites prioritization list.
- ➔ The Navy and the Water Board discussed the Responses to Comments on the SAP for sites A-16, E-108 and IA-24.
- ➔ Water Board staff recommended sampling groundwater at site A-16 where angled borings will be taken from below the building. These samples should be analyzed for chemicals of concern at the site and to determine if the groundwater is potable.
- ➔ Water Board staff recommended that groundwater beneficial uses be included in the SAP.
- ➔ Various field related findings in the responses to comments should be included within the final report as well.
- ➔ The Navy needs to acknowledge that 4 quarters of groundwater monitoring (demonstrating no impacts) should be included in the future closure reports accompanying these sites.
- ➔ The Navy will look into addressing these comments in the final SAP version of the report prior to submittal.
- ➔ The Navy will write a letter to the Water Board indicating that there is no need to review the SCAPS report at A-16 as activities will be deployed to address the impacts detected to soils and groundwater.
- ➔ Water Board staff recommended that the Navy mobilizes for the excavation of a possible UST at the Port of Chicago site as soon as funds are available.

- ➔ The Navy will determine if a Water Board closure letter will be required at Site IA-6. It is Water Board staff understanding that UST IA-6 has had perforated walls which impacted both soils and groundwater (with floating product in groundwater per 1992 Fugro and McClelland report).
- ➔ The Navy committed to investigating RASS 3 for petroleum impacts in 2006.
- ➔ Finally, Water Board staff stated that groundwater quality needs to be profiled at Site 27 (UST Site IA-36) to insure that the swale has not been impacted.

II Documents Reviewed/ Correspondence ~~output~~



UST sites Closure reports: 87, 96, 7SH5 and E-85.